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贵州西部箭竹属一新种

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摘 要 报道了贵州西部竹亚科箭竹属一新种,它被命名为威宁箭竹(*Fargesia weiningensis* Yi et L. Yang)。这个新种近似秦岭箭竹(*F. qinlingensis* Yi et J. X. Shao,但秆高达6 m,髓呈锯屑状;秆芽仅边缘具短纤毛;枝条较粗,直径达3 mm;箨鞘背面刺毛较密,小横脉不发育,箨舌繸毛长达1.5 cm,箨片常内卷,全部外翻;叶鞘纵脉间无小横脉,上部纵脊明显,叶片较大,长达15.5 cm,宽达1.5 cm,易于区别。

关键词 箭竹属(竹亚科);新种;贵州;中国

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A New Species of *Fargesia* Franch. emend. Yi from Western Guizhou of China (Babusoideae)

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Abstract A new species of the genus *Fargesia* Franch. emend. Yi of Bambusoideae comes from Western Guizhou Province of China was described in this article. It is *Fargesia weiningensis* Yi et L. Yang. The new species is similar to *F. qinlingensis* Yi et J. X. Shao, but its culms are up to 6 m high, medullas of crumbs, wide branch up to 3 mm in diam., culm sheaths on the back with dense bristle, without horizontal nerves, fimbria of ligule up to the length of 1.5 cm, blade of sheath reflexed and involution, leaf sheath without horizontal nerves, with ridge on the top, leaf blade bigger, up to the length of 15.5 cm and the width of 1.5 cm.

Key words *Fargesia* Franch. emend. Yi (Bambusoideae); new species; Guizhou; China

威宁箭竹 船竹(贵州威宁) 新种 图版Ⅰ

Fargesia weiningensis Yi et L. Yang, sp. nov., Plate Ⅰ

Species *F. qinlingensi* Yi et J. X. Shao affinis, sed culmis usque ad 6 m altis, medullis obtritis; Gemmis tantum margine brunneo-ciliatis; Ramis crassioribus, diametro ad 3 mm; Vaginis culmorum dorso hispidis densioribus, huad transversali-nervis, fimbriis ligularum ad 1.5 cm longis, laminis reflexis, saepe involutis; Vaginis foliorum haud transversali-nervillis inter longitudinali-nervis, superne conspicuis porcatis, laminis majoribus, ad 15.5 cm longis et 1.5 cm latis differt.

Rhizomata sympodialia, culmis caespitosis. Culmi 4-6 m alti, 1.5-2.5 cm diammetro, apice erecti, omnino 25-30-nodis, apice erecti; internodiis (5-8)28(30) cm longis, cylindricis sed ad latera ramorum, basi sulcatis, viridibus, glabris, laevibus, farinosis, cavis, lingo 3-4 mm crasso, medullis obtritis; nodi vaginarum purpureo-brunnei glabri; nodi culmorum leviter prominentes, politi; intranodiis 3-4 mm altis, nitidis. Gemma longo-ovata, adpressa, nitida, margine brunneo-ciliate. Rami 6-26 in quoque nodo, fasciculati, basi leviter cum culmo adnati, (10) 20-40 cm longi, 4-8-nodis, internodiis 0.5-10 cm longis, 1-3 mm crassis, primo farinosis, glabris. Vaginae culmorum sero delapsae, cine-

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reo-brunneae coriaceae, triangule oblongae, longitudines internodia superantes vel interdum breviores ad inferrum culmorum quam internodia apice breves lato-triangulatae, dorso adpresso-brunneo-hispidae, longitudinali-nervillis conspicuis, haud transversali-nervillis, margine dense brunneo-ciliatae; auriculae semiellipticae, purpureae, 3 – 4 mm longae, c. 2 mm latae, purpureo-fimbriatae; ligulae truncatae vel leviter arcuatae, purpureo-brunneae, fimbriatis 0.4 – 1.5 cm longis, erectis, luridis; laminae reflexae, lineari-lanceolatae, glabrae, longitudinari-nervilis ventraliter conspicuis, 6 – 13 cm longae et 2.5 – 4 mm latae, glabrae, saepe involutae, margine subintegrae. Folia (4) 5 – 7 in quoque ramulo; vaginae 3.5 – 5 cm longae, chloroticae, glabrae, longitudinali-nervis et superne conspicuis porcatis, haud ciliatae; auriculae nullae, setae orales 15 – 20, 3 – 8 mm longae, cinereae et curvatae; ligulae curvatae, purpureae, fimbriis basi connatis, erectis, arcuatis, 3 – 8 mm longis; petioli 1.5 – 2 mm longi, glabri; laminae lineari-lanceolatae, 7 – 15.5 cm longae et (0.7) 1 – 1.5 cm latae, apice acuminatae, basi cunneatae, supra virides, subtus cinereo-virides, scaberulae, nervis secundariis 3 – 4-jugis, nervillis transversis rectangularibus vel quadratis, margine serrulatae. Inflorescentia ignota. Turiones Augusto et Septembri germinantes.

Guizhou (贵州): Weining (威宁), Heishitou Town (黑石头镇), Mifeng Village (蜜蜂村), Shuanghe (双河), alt. 2 250 m, Transplantation, 2005 – 11 – 14, Yi Tongpei (易同培) 05110 (Holotypus, SAUD = SIFS).

地下茎合轴型,秆丛生。秆高 4 ~ 6 m,直径 1.5 ~ 2.5 cm,梢端直立;全秆具 25 ~ 30 节,节间一般长约 28 cm,最长达 30 cm,基部节间长 5 ~ 8 cm,圆筒形,在分枝一侧基部处具短凹槽,绿色,无毛,平滑,被白粉,中空,秆壁厚 3 ~ 4 mm,髓锯屑状;箨环隆起,紫褐色,无毛;秆环稍隆起,光亮;节内长 3 ~ 4 mm,有光泽。秆芽 1 枚,长卵形,贴生,有光泽,边缘具淡黄褐色短缘毛。枝条在秆每节上 6 ~ 26 枚,簇生,基部近贴秆生,长 (10) 20 ~ 40 cm,具 4 ~ 8 节,节间长 0.5 ~ 10 cm,直径 1 ~ 3 mm,初时被白粉,无毛。箨鞘迟落,灰褐色,革质,三角状长圆形,长于节间或有时在秆下部者稍短于节间长度,先端短的宽三角形,背面被贴生棕色刺毛,纵脉纹可见,小横脉不发育,边缘密生黄褐色纤毛;箨耳半椭圆形,紫色,长 3 ~ 4 mm,宽约 2 mm,边缘具紫色繸毛;箨舌截平形或微呈拱形,紫褐色,具长 0.4 ~ 1.5 cm 直立、黄褐色繸毛;箨片外翻,线状披针形,无毛,腹面纵脉纹明显,长 6 ~ 13 cm,宽 2.5 ~ 4 mm,常内卷,边缘近于平滑。小枝具叶 (4) 5 ~ 7 枚;叶鞘长 3.5 ~ 5 cm,淡绿色,无毛,纵脉纹及上部纵脊明显,无缘毛;叶耳缺失,鞘口两肩具 15 ~ 20 枚长 3 ~ 8 mm 灰色稍弯曲的繸毛;叶舌弧形,紫色,边缘具密而下部连生长 3 ~ 8 mm 直立弯曲繸毛;叶柄长 1.5 ~ 2 mm,无毛;叶片线状披针形,长 7 ~ 15.5 cm,宽 (0.7) 1 ~ 1.5 cm,上面绿色,下面灰绿色,稍粗糙,先端渐尖,基部楔形,次脉 3 ~ 4 对,小横脉组成长方形和正方形,边缘具小锯齿。花枝未见。笋期 8 ~ 9 月。

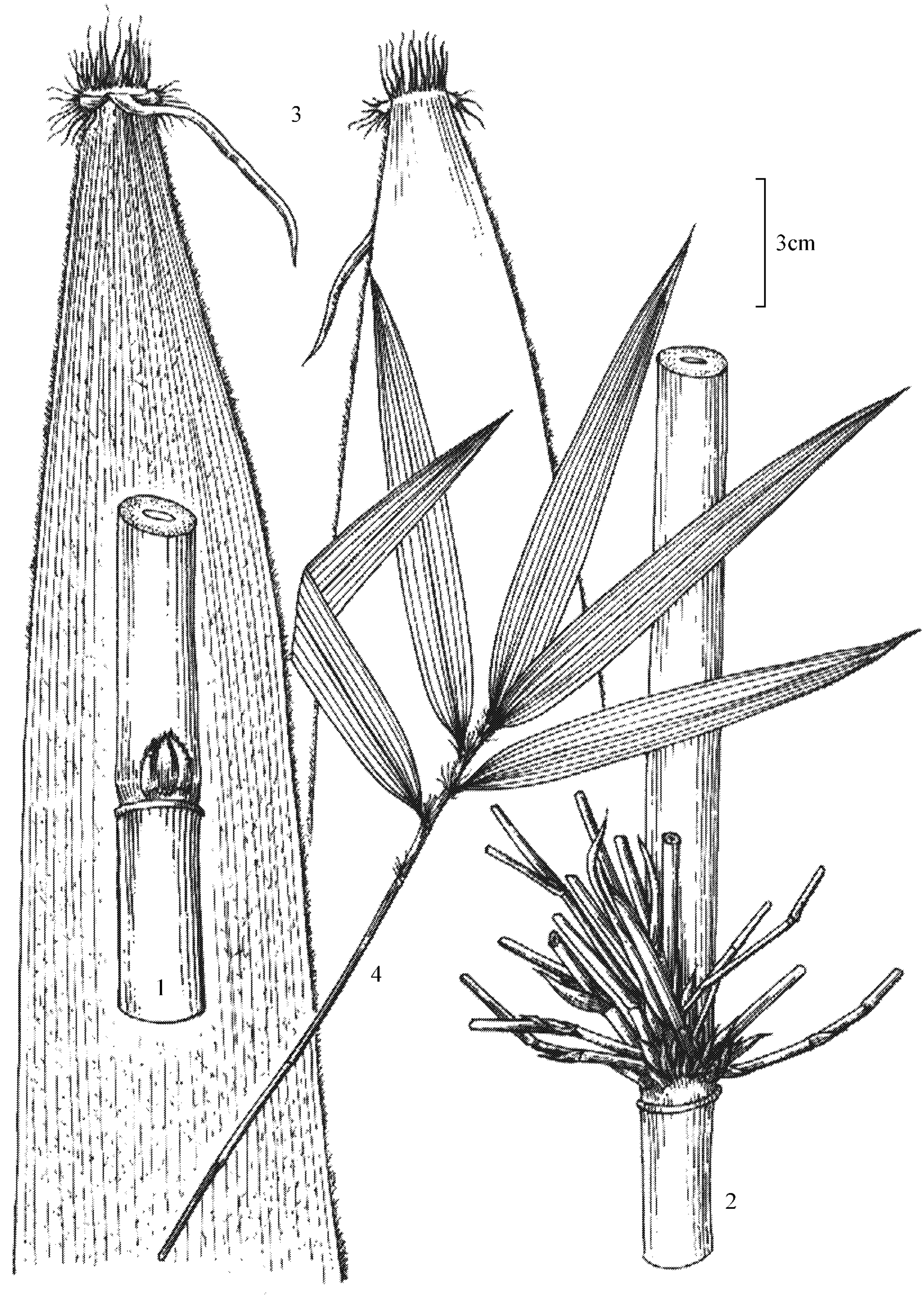
本种近似秦岭箭竹(*Fargesia qinlingensis* Yi et J. X. Shao),但秆高达 6 m,髓呈锯屑状;秆芽仅边缘具短纤毛;枝条较粗,直径达 3 mm;箨鞘背面刺毛较密,小横脉不发育,箨舌繸毛长达 1.5 cm,箨片常内卷,全部外翻;叶鞘纵脉间无小横脉,上部纵脊明显,叶片较大,长达 15.5 cm,宽达 1.5 cm,容易区别。

秆供编制背篓及箩筐等用。

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图版 I 威宁箭竹 1. 秆之一节,示秆芽;2. 秆之一节,示分枝;3. 秆箨;4. 具叶小枝 (杨林根据易同培 05110 号标本绘)

Plate I ***F. weiningensis* Yi et L. Yang** 1. A node of culm showing its bud;2. A node of culm showing its braching;3. Culm-sheath;4. Branchlet with leaves (Drawn by Yang Ling from the Type gathering T. P. Yi 05110)